

Amendment

In the Specification:

Please amend specification page 12 as follows:

at 1, replace [cliode] with diode.

The paragraph with this amendment is listed below:

FIG. 4 shows plug Sensor Circuit Detection means **263** and socket Sensor Circuit Detection means **264** shown generally in **FIGS. 2 and 3** respectively and how the Sensor Lines **292, 294** and **280, 282** are activated only by the full engagement of the plug **212** and socket **226**. A positive potential +V on the plug sensor circuit side **235** is connected to a resistor **R1 (272)**, then to a forward-biased diode **274**, then to diode **276** that acts to block this current, and finally to another resistor **R2 (278)** that is grounded **250**. Sensor Line **1 (280)** from the junction of **274** and **276** is connected to plug contact **284**. Sensor Line **2 (282)** from the junction of **276** and **278** is connected to plug contact **286** and also to the plug Sensor Circuit input **256**. Similarly, a positive potential +V on the socket circuit side **236** is connected to a resistor **R1 (298)**, then to a forward biased diode **300**, then to a [cliode] diode **302** that acts to block this current, and finally to another resistor **R2 (304)** which is grounded **250**. Sensor Line **1 (292)** from the junction of **300** and **302** is connected to socket contact **290**. Sensor Line **2 (294)** from the junction **302** and **304** is connected to socket contact **288** and also to the socket Sensor Circuit input **257**.